

Title (en)
PROCESS FOR THE FABRICATION OF 2-(N-3,4-DIMETHYLPYRAZOL)SUCCINIC ACID

Title (de)
VERFAHREN ZUR HESTELLUNG VON 2-(N-3,4-DIMETHYLPYRAZOL)BERNSTEINSÄURE

Title (fr)
PROCÉDÉ POUR LA FABRICATION DE 2-(N-3,4-DIMETHYLPYRAZOL)SUCCINIC ACID

Publication
EP 3199508 A1 20170802 (DE)

Application
EP 17161117 A 20141212

Priority
• DE 102013020588 A 20131213
• EP 14821540 A 20141212
• EP 2014077570 W 20141212

Abstract (en)
[origin: WO2015086823A2] The invention relates to a fertilizer mixture containing A. lime ammonium nitrate mineral fertilizer which can contain up to 15 wt%, relative to the lime ammonium nitrate mineral fertilizer without water, of ingredients other than ammonium nitrate and calcium carbonate and/or magnesium carbonate and, optionally, water, B. 100 to 10,000 ppm, relative to component A without water, of 2-(N-3,4-dimethylpyrazole)succinic acid.

Abstract (de)
Verfahren zur Herstellung von 2-(N-3,4-Dimethylpyrazol)bernsteinsäure durch Umsetzung von 3,4-Dimethylpyrazol mit Maleinsäure und/oder Maleinsäureanhydrid in Abwesenheit organischer Lösungs- oder Verdünnungsmittel und nachfolgende Kristallisation aus dem so erhaltenen Umsetzungsprodukt in Abwesenheit organischer Lösungs- oder Verdünnungsmittel.

IPC 8 full level
C05G 3/90 (2020.01); **C07B 41/08** (2006.01); **C07D 231/12** (2006.01)

CPC (source: CN EP RU US)
A01C 21/00 (2013.01 - CN); **C05B 7/00** (2013.01 - CN); **C05C 1/00** (2013.01 - CN); **C05C 1/02** (2013.01 - EP US); **C05C 3/005** (2013.01 - EP US); **C05G 3/00** (2013.01 - RU); **C05G 3/90** (2020.02 - CN EP RU US); **C07D 231/12** (2013.01 - CN EP US); **C09K 15/20** (2013.01 - US); **Y02P 60/21** (2015.11 - EP US)

C-Set (source: CN)
1. **C05C 1/00 + C05G 3/90**
2. **C05B 7/00 + C05G 3/90**

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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2015086823 A2 20150618; WO 2015086823 A3 20150924; AU 2014363415 A1 20160630; AU 2014363415 B2 20190829; AU 2019204146 A1 20190704; AU 2019204146 B2 20200917; BR 112016013578 A2 20170808; BR 112016013578 A8 20200519; BR 112016013578 B1 20220208; BR 122020005031 B1 20220802; CA 2933591 A1 20150618; CA 2933591 C 20230523; CA 3193214 A1 20150618; CN 106068252 A 20161102; CN 106068252 B 20230203; CN 115385741 A 20221125; CY 1121642 T1 20200731; DK 3080057 T3 20190513; DK 3623362 T3 20230130; EP 3080057 A2 20161019; EP 3080057 B1 20190320; EP 3199508 A1 20170802; EP 3199508 B1 20191106; EP 3623362 A1 20200318; EP 3623362 B1 20221116; ES 2726854 T3 20191009; ES 2765817 T3 20200611; ES 2936866 T3 20230322; HR P20190840 T1 20190823; HR P20190840 T2 20230317; HR P20230121 T1 20230331; HU E043589 T2 20190828; HU E061412 T2 20230628; LT 3080057 T 20190510; LT 3623362 T 20230411; ME 03439 B 20200120; MX 2016007734 A 20161014; MX 2020010344 A 20201022; NZ 721123 A 20211126; PL 3080057 T3 20190830; PL 3623362 T3 20230313; PT 3080057 T 20190611; PT 3623362 T 20230126; RS 58808 B1 20190731; RS 63921 B1 20230228; RU 2665587 C1 20180831; SI 3080057 T1 20190628;

SI 3623362 T1 20230331; TR 201908135 T4 20190621; UA 119759 C2 20190812; UA 127642 C2 20231115; US 10640431 B2 20200505;
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DOCDB simple family (application)

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HR P20190840 T 20141212; HR P20230121 T 20141212; HU E14821540 A 20141212; HU E19199519 A 20141212; LT 14821540 T 20141212;
LT 19199519 T 20141212; ME P2019165 A 20141212; MX 2016007734 A 20141212; MX 2020010344 A 20160613; NZ 72112314 A 20141212;
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